

# STORM WATER UTILITY SERVICE CHARGE CREDIT PROCEDURES



## Introduction

Section 20-7-107 of the West Valley City Storm Water Utility Ordinance defines the system of rates to be charged by the Utility. The ordinance allows fee credits to be granted for on-site mitigation, which either reduce the amount, or improves the water quality of the storm runoff.

An analysis of the Utility costs has shown that fifty-five percent (55%) of planned expenditures are variable and directly related to storm water flows and non-point source pollution. Forty-five percent (45%) of the Utility's costs are fixed program expenditures not directly affected by fluctuations in flow or water quality. The maximum fee credit has been set at 55%, thus all parcels will contribute to the cost of meeting the Utility's fixed costs. (Details are available upon request.)

Non-single-family residential parcels may receive fee credits of up to 30% by constructing or operating on-site facilities which reduce the quantity of storm water runoff, and up to 25% for implementing or continuing Best Management Practices or BMP's which improve the quality of the storm water runoff. A list of Best Management Practices is included in this document.

## Application Procedure

The parcel's owner or agent must make application for this credit to the City's Storm Water Manager. If a request for credit is granted, the credit will be applied to all charges from the date of filing a complete credit application. This will reflect on the next billing thirty days after the credit is granted. If the credit is not granted, a meeting to review the application can be arranged by calling the Storm Water Utility Information Line at 963-3334.

## Storm Water Quantity Credits

Storm water control facilities located on a property may either hold runoff for a period of time and release it at a controlled rate to the storm water system (detention), or hold water until it evaporates or infiltrates into the ground (retention). The amount of credit may be up to 30% of the total fee based on the following formula:

***Per Cent of Fee Credit =  $30 [(0.2 - q) / 0.2]$  Where:***

***30 = Percentage representing costs for Utility's storm water quantity program.***

***0.2 = Maximum allowable storm water discharge rate from a parcel in cubic feet per second per acre (cfs/acre).***

***q = Peak storm water discharge rate from a parcel in (cfs/acre).***

Calculations and plans may be required showing the amount of retention or detention volume provided along with discharge rates and the location of the storage area on the site. This requirement for submission of plans and calculations may be waived, if the City has similar information on file.

## Storm Water Quality Credits

In order to qualify for the storm water quality credit, a non-single family residential property must implement source or treatment controls, which reduce or eliminate pollutants from its storm water runoff before it enters the City's storm water system. These source or treatment controls are known as Best Management Practices (BMP's) applicable in whole or in part to specific types of operations. The description of BMP's are given in the "Guidance Document for Stormwater Management" prepared by the Salt Lake County Public Works Department which can be accessed on-line at [www.co.slc.ut.us/pw/engin/bmp/pdf/mmatrix.pdf](http://www.co.slc.ut.us/pw/engin/bmp/pdf/mmatrix.pdf).

The amount of the quality credit may be up to 25% of the total fee based on, a) the number of BMP's which are directly applicable to the property, and b) the number of those applicable BMP's that the property owner has implemented on the site which have been approved by the Utility. This credit will be based on the value assigned to the implemented BMP's by the Utility during an on-site consultative site review with the applicant.

## Credit Conditions

The fee credits approved will remain in effect as long as the following conditions are met.

- The property owner has obtained the building permits required by the City and the facility has been constructed in compliance with all approved plans.
- The property owner remains responsible for all costs of operation and maintenance of the facility and/or best management practice.
- Upon reasonable notice to the applicant, the City will have access to the site to inspect compliance with design, maintenance and operating standards of the site storm drainage system and implementation of applicable Best Management Practices.
- The applicant annually certifies to the City that the conditions resulting in the credit have not been altered and that all conditions remain in effect.



West Valley City  
Storm Water Utility  
3600 South Constitution Blvd.  
West Valley City, Utah 84119  
Hot Line: 963-3334

<http://www.ci.west-valley.ut.us>

Follow the Public Works link to the  
Storm Water Utility link



# SERVICE CHARGE CREDIT APPLICATION

NON-RESIDENTIAL PROPERTY ONLY

BUSINESS NAME: \_\_\_\_\_

RESPONSIBLE PARTY: \_\_\_\_\_  
(Last) (First) (Title)

SITE LOCATION: \_\_\_\_\_  
(Street Address) (City) (State) (Phone)

MAILING ADDRESS: \_\_\_\_\_  
(Street Address) (City) (State) (Zip)

PRIMARY ACTIVITY ON SITE: \_\_\_\_\_

## SITE CHARACTERISTICS

(make all calculation in square feet)

TOTAL PAVED AREA: \_\_\_\_\_ TOTAL ROOF AREA: \_\_\_\_\_

DO YOU HAVE ON-SITE  
DETENTION OR RETENTION BASINS? \_\_\_\_\_ TOTAL PROPERTY SIZE: \_\_\_\_\_

OTHER IMPERVIOUS AREAS: \_\_\_\_\_

## BEST MANAGEMENT PRACTICES

Please review and complete BMP checklist (back of this credit application) which reflect the SLC ***"Guidance Document for Stormwater Management"*** Document.

To obtain Best Management Practices (BMP's) definitions go to:

[www.co.slc.ut.us/pw/engin/bmp/pdf/matrix.pdf](http://www.co.slc.ut.us/pw/engin/bmp/pdf/matrix.pdf)

Double click on the BMP description for more information.

**If you have the following items please attach to this application form.**

1. A scaled sketch or drawing showing: a) Site legal boundaries, b) Site approved drainage plan, c) A short narrative description for the rationale supporting the basis for the request for the Service Charge Credit with both quantity and quality being applicable to your site. 2. Show all buildings, parking, roads, storage, storm water facilities, landscaped areas and any other improvements impacting the storm water flows at your site.

## CERTIFICATION:

I certify that I have personally examined and am familiar with the information submitted in this application and all attachments, and that the information is true, accurate and complete. I hereby make official application for Storm Water Utility Service Charge Credit.

Name of Responsible Person (type or print) \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

For Office Use Only

Credit Approval \_\_\_\_\_ Formula \_\_\_\_\_ Authorized by: \_\_\_\_\_ Date: \_\_\_\_\_

Comments:

cut along dotted line

# BEST MANAGEMENT PRACTICES CHECKLIST

Place an "X" in the categories that apply to your current operation or areas of intended compliance.

| Best Management Practices (BMP) Source Controls | BMP Code | In Place | To Implement | Will Consider | Does not Apply |
|---|----------|----------|--------------|---------------|----------------|
| Aboveground Tank Leak and Spill Control         | ATL      |          |              |               |                |
| Buildings and Grounds Maintenance               | BGM      |          |              |               |                |
| Building Repair, Remodeling /Constructions      | BRRC     |          |              |               |                |
| Catch Basin Cleaning                            | CBC      |          |              |               |                |
| Contaminated or Erodible Surface Areas          | CESA     |          |              |               |                |
| Detention/Infiltration Device Maintenance       | DIDM     |          |              |               |                |
| Employee Training                               | ET       |          |              |               |                |
| Hazardous Waste Management                      | HWM      |          |              |               |                |
| Housekeeping Practices                          | HP       |          |              |               |                |
| Illegal Dumping Controls                        | IDC      |          |              |               |                |
| Land Use Planning/Management                    | LUPM     |          |              |               |                |
| Leaking Sanitary Sewer Control                  | LSSC     |          |              |               |                |
| Litter Control                                  | LC       |          |              |               |                |
| Public Education/Participation                  | PEP      |          |              |               |                |
| Roadway/Bridge Maintenance                      | RBM      |          |              |               |                |
| Storm Channel/Creek Maintenance                 | SCCM     |          |              |               |                |
| Storm Drain Flushing                            | SDF      |          |              |               |                |
| Storm Drain System Signs                        | SDSS     |          |              |               |                |
| Street and Parking Lot cleaning – On site       | SC       |          |              |               |                |
| Vehicle Use Reduction                           | VUR      |          |              |               |                |

| Best Management Practices (BMP) Treatment Control | BMP Code | In Place | To Implement | Will Consider | Does not Apply |
|---|----------|----------|--------------|---------------|----------------|
| Biofilters  | BF       |          |              |               |                |
| Chemical Mulch                                    | CM       |          |              |               |                |
| Constructed Wetlands                              | CW       |          |              |               |                |
| Double Trench Sand Filter                         | DTSF     |          |              |               |                |
| Extended Detention Basins                         | EDB      |          |              |               |                |
| Floatable Skimmers                                | FS       |          |              |               |                |
| Infiltration                                      | IN       |          |              |               |                |
| Level Spreaders                                   | LS       |          |              |               |                |
| Media Filtration                                  | MF       |          |              |               |                |
| Minimize Directly Connected Impervious Areas      | DCIA     |          |              |               |                |
| Oil/Water Separators & Water Quality Inlets       | OWS      |          |              |               |                |
| Peat-Sand Filter System                           | PSFS     |          |              |               |                |
| Riprap  | RR       |          |              |               |                |
| Surface Sand Filter System                        | SSFS     |          |              |               |                |
| Trench Sand Filter System                         | TSFS     |          |              |               |                |
| Wet Ponds   | WP       |          |              |               |                |

Find definitions to the above items by going to:  
[www.co.slc.ut.us/pw/engin/bmp/pdf/matrix.pdf](http://www.co.slc.ut.us/pw/engin/bmp/pdf/matrix.pdf)  
 double clicking on the BMP category